```
Welcome to STN International!  Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 15:46:57 ON 17 MAY 2002
FILE 'STNGUIDE' ENTERED AT 15:46:57 ON 17 MAY 2002
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.06      77.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -4.96

=> file registry
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.06      77.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -4.96

FILE 'REGISTRY' ENTERED AT 15:47:05 ON 17 MAY 2002
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STRUCTURE FILE UPDATES:   15 MAY 2002  HIGHEST RN 416838-75-0
DICTIONARY FILE UPDATES:  15 MAY 2002  HIGHEST RN 416838-75-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Calculated physical property data is now available.  See HELP PROPERTIES
for more information.  See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s cetaryl glucoside
             0 CETARYL
          2164 GLUCOSIDE
            12 GLUCOSIDES
          2176 GLUCOSIDE
                 (GLUCOSIDE OR GLUCOSIDES)
L6           0 CETARYL GLUCOSIDE
                 (CETARYL(W)GLUCOSIDE)

=> file stng
```

```
L8             1 CETEARYL ALCOHOL
                 (CETEARYL(W)ALCOHOL)

=> d L8

L8   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2002 ACS
RN   67762-27-0  REGISTRY *
* Use of this CAS Registry Number alone as a search term in other STN files
may
  result in incomplete search results.  For additional information, enter HELP
  RN* at an online arrow prompt (=>).
CN   Alcohols, C16-18  (CA INDEX NAME)
OTHER NAMES:
CN   Adol 63
CN   Adol 65
CN   Adol 66
CN   Alcs., C16-18
CN   Alfol 1618
CN   Alfol 1618C
CN   Barolub LOH
CN   C16-18 alcohols
CN   C16-18 alcs.
CN   Cetalol SCA
CN   Cetearyl alcohol
CN   Cetostearyl alcohol
CN   Cetylstearyl alcohol
CN   Cire algonol CS
CN   Cire deLanol ST
CN   Conol 300C
CN   Crodacol SCB
CN   Cyclochem emulsion wax
CN   Dehydag wax N
CN   Epal 1618
CN   Hydrenol D
CN   Hydrenol DV
CN   Hydrenol MY
CN   Kalcohl 220-80
CN   Kalcohl 68
CN   Kalcohl 6850
CN   Kalcohl 6870
CN   Kalcohl 86
CN   Kalcohl 8665
CN   Kalcohl 8688
CN   Lanette O
CN   Lanette wax
CN   Laurex CS
CN   NAA 45
CN   NAA 46
CN   Rofanol P 50/55
CN   Rofanol P 80/55
CN   Rofanol P 80/85
CN   Salim C 16/18
CN   Sipol CS
CN   Stenol 16/18
CN   Stenol PC
DEF  This substance is identified by SDA Substance Name:  C16-C18 alkyl
alcohol
     and SDA Reporting Number:  19-060-00.  Consult SDA Substance
     Identification Procedure.
DR   12705-32-7, 8005-44-5, 8032-20-0, 8032-22-2, 8032-92-6, 8033-00-9,
```

```
     8034-88-6, 8038-54-8, 1336-34-1, 58392-01-1, 58392-68-0, 63393-84-0,
     52003-59-5, 67762-43-0, 78565-03-4, 39315-71-4, 199745-51-2
MF   Unspecified
CI   COM, MAN, CTS
LC   STN Files:   ADISNEWS, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CHEMLIST,
       CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA,
       MEDLINE, MSDS-OHS, NAPRALERT, TOXCENTER, USPATFULL
     Other Sources:   DSL**, EINECS**, TSCA**
        (**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***


=> s cetearyl glucose
            2 CETEARYL
        18812 GLUCOSE
L9          0 CETEARYL GLUCOSE
                (CETEARYL(W)GLUCOSE)

=> s cetearyl
L10         2 CETEARYL

=> d L10 2

L10  ANSWER 2 OF 2  REGISTRY  COPYRIGHT 2002 ACS
RN   67762-27-0  REGISTRY *
* Use of this CAS Registry Number alone as a search term in other STN files
may
  result in incomplete search results.  For additional information, enter HELP
  RN* at an online arrow prompt (=>).
CN   Alcohols, C16-18  (CA INDEX NAME)
OTHER NAMES:
CN   Adol 63
CN   Adol 65
CN   Adol 66
CN   Alcs., C16-18
CN   Alfol 1618
CN   Alfol 1618C
CN   Barolub LOH
CN   C16-18 alcohols
CN   C16-18 alcs.
CN   Cetalol SCA
CN   Cetearyl alcohol
CN   Cetostearyl alcohol
CN   Cetylstearyl alcohol
CN   Cire algonol CS
CN   Cire deLanol ST
CN   Conol 300C
CN   Crodacol SCB
CN   Cyclochem emulsion wax
CN   Dehydag wax N
CN   Epal 1618
CN   Hydrenol D
CN   Hydrenol DV
CN   Hydrenol MY
CN   Kalcohl 220-80
CN   Kalcohl 68
CN   Kalcohl 6850
CN   Kalcohl 6870
CN   Kalcohl 86
```

CN Kalcohl 8665
CN Kalcohl 8688
CN Lanette O
CN Lanette wax
CN Laurex CS
CN NAA 45
CN NAA 46
CN Rofanol P 50/55
CN Rofanol P 80/55
CN Rofanol P 80/85
CN Salim C 16/18
CN Sipol CS
CN Stenol 16/18
CN Stenol PC
DEF This substance is identified by SDA Substance Name: C16-C18 alkyl alcohol
and SDA Reporting Number: 19-060-00. Consult SDA Substance Identification Procedure.
DR 12705-32-7, 8005-44-5, 8032-20-0, 8032-22-2, 8032-92-6, 8033-00-9, 8034-88-6, 8038-54-8, 1336-34-1, 58392-01-1, 58392-68-0, 63393-84-0, 52003-59-5, 67762-43-0, 78565-03-4, 39315-71-4, 199745-51-2
MF Unspecified
CI COM, MAN, CTS
LC STN Files: ADISNEWS, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, TOXCENTER, USPATFULL
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> d L10 1

L10 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS
RN 308070-65-7 REGISTRY *
* Use of this CAS Registry Number alone as a search term in other STN files may
result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).
CN Polysiloxanes, C16-18-alkyl Me (CA INDEX NAME)
OTHER NAMES:
CN **Cetearyl methicone**
CN SF 1632
MF Unspecified
CI MAN, CTS
SR CA

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> file stng

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.64	122.67
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.96

FILE 'STNGUIDE' ENTERED AT 16:03:40 ON 17 MAY 2002

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 10, 2002 (20020510/UP).

=>

WEST Search History

DATE: Friday, May 17, 2002

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=ADJ			
L48	L47 and xylose	1	L48
L47	5412004[pn]	1	L47
L46	L44 and (emuls$ or cream)	20	L46
L45	L44 and (emuls$ or cream)	20	L45
L44	amphomer same (silicon or silicone or polysiloxane or siloxane)	22	L44
L43	amphomer same cream and (silicon or silicone or polysiloxane or siloxane)	1	L43
L42	amphomer and (emulgade or montanov or cetearyl)	20	L42
L41	amphomer and (emulgade or seppic or montanov or tallow or cetearyl)	63	L41
L40	amphomer and emulsifier	63	L40
L39	amphomer same emulsifier	0	L39
L38	amphomer and gl?coside	10	L38
L37	amphomer and (alkylgl?coside)	0	L37
L36	L35 and (silicon or silicone or polysiloxane or siloxane)	14	L36
L35	L25 and emulsion	15	L35
L34	L31 not L33	49	L34
L33	L31 not L32	111	L33
L32	cosmetic.ti,ab,clm. and xylose and (silicon or silicone or polysiloxane) and emulsion	49	L32
L31	cosmetic.ti,ab,clm. and xylose	160	L31
L30	cosmetic.ti,ab. and xylose	124	L30
L29	((moisturizing or face) adj cream) and amphomer	3	L29
L28	((moisturizing or face) adj cream) and xylose	12	L28
L27	L23 and L25	0	L27
L26	(L23 or L25) and emulsion	17	L26
L25	hair and L24	29	L25
L24	amphomer LV-71	31	L24
L23	hair and L22	7	L23
L22	xylose.ti,ab.	172	L22
L21	tallow near3 glucoside	5	L21
L20	5958431	5	L20
DB=DWPI; PLUR=YES; OP=ADJ			
L19	5958431	1	L19

L18	9206778	19	L18
DB=USPT; PLUR=YES; OP=ADJ			
L17	L16 and xylose	1	L17
L16	montanov adj 68	24	L16
L15	L13 and (hexose or pentose) not L14	0	L15
L14	L13 and xylose	3	L14
L13	cetearyl near3 glucoside	46	L13
L12	(cetaryl) and cetyl	24	L12
L11	(cetaryl) and cetearyl	4	L11
L10	cetaric	0	L10
L9	cetaryl	30	L9
L8	cetearyl near5 (hexadecyl or octadecyl)	0	L8
L7	Pl68/50	1	L7
L6	emulgade	64	L6
L5	5670471[pn]	1	L5
L4	6165450[pn]	1	L4
DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L3	L2	0	L3
DB=PGPB; PLUR=YES; OP=ADJ			
L2	L1	0	L2
DB=USPT; PLUR=YES; OP=ADJ			
L1	xyliance	0	L1

END OF SEARCH HISTORY

```
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LOGINID:ssspta1621mxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2  Jan 25  BLAST(R) searching in REGISTRY available in STN on the Web
 NEWS  3  Jan 29  FSTA has been reloaded and moves to weekly updates
 NEWS  4  Feb 01  DKILIT now produced by FIZ Karlsruhe and has a new update
                  frequency
 NEWS  5  Feb 19  Access via Tymnet and SprintNet Eliminated Effective 3/31/02
 NEWS  6  Mar 08  Gene Names now available in BIOSIS
 NEWS  7  Mar 22  TOXLIT no longer available
 NEWS  8  Mar 22  TRCTHERMO no longer available
 NEWS  9  Mar 28  US Provisional Priorities searched with P in CA/CAplus
                  and USPATFULL
 NEWS 10  Mar 28  LIPINSKI/CALC added for property searching in REGISTRY
 NEWS 11  Apr 02  PAPERCHEM no longer available on STN.  Use PAPERCHEM2
instead.
 NEWS 12  Apr 08  "Ask CAS" for self-help around the clock
 NEWS 13  Apr 09  BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS 14  Apr 09  ZDB will be removed from STN
 NEWS 15  Apr 19  US Patent Applications available in IFICDB, IFIPAT, and
IFIUDB
 NEWS 16  Apr 22  Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS
 NEWS 17  Apr 22  BIOSIS Gene Names now available in TOXCENTER
 NEWS 18  Apr 22  Federal Research in Progress (FEDRIP) now available

 NEWS EXPRESS  February 1 CURRENT WINDOWS VERSION IS V6.0d,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *


FILE 'HOME' ENTERED AT 14:49:32 ON 17 MAY 2002
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=> file registry
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 14:49:42 ON 17 MAY 2002
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STRUCTURE FILE UPDATES:   15 MAY 2002  HIGHEST RN 416838-75-0
DICTIONARY FILE UPDATES:  15 MAY 2002  HIGHEST RN 416838-75-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

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Crossover limits have been increased.  See HELP CROSSOVER for details.

Calculated physical property data is now available.  See HELP PROPERTIES
for more information.  See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s xyliance
             0 XYLIANCE
L1           0 XYLIANCE

=> s cetearyl wheat straw glycoside
             2 CETEARYL
          2898 WHEAT
             1 STRAW
           758 GLYCOSIDE
            38 GLYCOSIDES
           796 GLYCOSIDE
                 (GLYCOSIDE OR GLYCOSIDES)
L2           0 CETEARYL WHEAT STRAW GLYCOSIDE
                 (CETEARYL(W)WHEAT(W)STRAW(W)GLYCOSIDE)

=> s hexadecyl glycoside
         50064 HEXADECYL
           758 GLYCOSIDE
            38 GLYCOSIDES
           796 GLYCOSIDE
                 (GLYCOSIDE OR GLYCOSIDES)
L3           0 HEXADECYL GLYCOSIDE
                 (HEXADECYL(W)GLYCOSIDE)

=> s hexadecyl glucoside
         50064 HEXADECYL
          2164 GLUCOSIDE
            12 GLUCOSIDES
          2176 GLUCOSIDE
                 (GLUCOSIDE OR GLUCOSIDES)
L4           1 HEXADECYL GLUCOSIDE
                 (HEXADECYL(W)GLUCOSIDE)

=> d L4
```
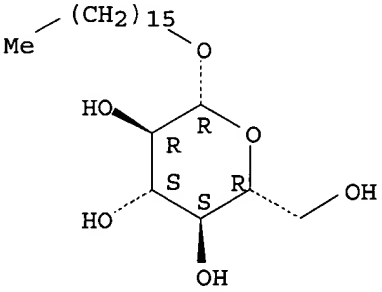

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 75319-63-0 REGISTRY
CN .beta.-D-Glucopyranoside, hexadecyl (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Glucopyranoside, hexadecyl (6CI)
OTHER NAMES:
CN Hexadecyl .beta.-D-glucopyranoside
CN **Hexadecyl glucoside**
CN Hexadecyl monoglucoside
FS STEREOSEARCH
MF C22 H44 O6
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, MEDLINE, TOXCENTER, USPATFULL
        (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

34 REFERENCES IN FILE CA (1967 TO DATE)
6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
35 REFERENCES IN FILE CAPLUS (1967 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	44.04	44.25

FILE 'CAPLUS' ENTERED AT 14:59:42 ON 17 MAY 2002
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FILE COVERS 1907 - 17 May 2002 VOL 136 ISS 20
FILE LAST UPDATED: 15 May 2002 (20020515/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s L4
L5 35 L4

=> d L5 ti 1-35

L5 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Highly dilute phases with alkylmonoglucopyranosides

L5 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Characterization of alkyl polyglycosides by both reversed-phase and normal-phase modes of high-performance liquid chromatography

L5 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Preparation and surface active properties of alkyl glucosides of fat Egyptian mangifera indica

L5 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Alkyl polyglycosides from different feedstocks

L5 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Sprayable sunscreen compositions

L5 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Surfactant mixtures, their preparation and use

L5 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Tensammetry of nonionic surfactants at solid-state-electrodes. Correlation with other physicochemical parameters

L5 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Cosmetic and dermatologic oil-in-water emulsion formulations for light protection containing hydrophobic inorganic micropigments and hydrophilic surfactants

L5 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Cosmetic and dermatological emulsions containing alkyl glucosides with increased electrolyte concentration

L5 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Aggregation number of the n-cetyl-.beta.-D-glucopyranoside micelles in the presence and absence of salt at 298.15 K by a steady state fluorescence method

L5 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Sugar derivatives as antimicrobial agents

L5 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Separation and quantitation of glycolipids as penetration modifiers in human skin using high-performance liquid chromatography-mass spectrometry with electrospray ionization

L5 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Phase transfer catalytic synthesis of alkyl glycosides

L5 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Cationic surfactants prepared from alkyl and/or alkenyl oligoglucosides

L5 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Etherification of alkyl and/or alkenyl oligoglycosides with isethionate salt in presence of alkaline catalyst

L5 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Preparation of alkyl and/or alkenyl oligoglycoside sulfosuccinate surfactants

L5 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Cosmetic emulsions containing alkylglycoside concentrate

L5 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Ethers prepared from alkyl and/or alkenyl glycosides and glycerol or glycerol oligomers

L5 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Preparation of glycerol ethers of alkyl and/or alkenyl oligoglycosides

L5 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Synthesis of glycolipids as membrane-bound stabilizing carbohydrates

L5 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Process for producing polymer particles with irregular shape

L5 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Preparation of metal ion-blocking sugar compounds

L5 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Infrared spectroscopic studies of lyophilized liposomes for characterization of the interaction of free and membrane-bound sugars with phospholipids

L5 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Pesticide activity enhancers containing alkylglycoside surfactants.

L5 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Preparation of alkyl glycosides in one step.

L5 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Stannic chloride-catalyzed synthesis of alkyl and aryl alkyl D-glycopyranoside

L5 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI NMR and DSC study on the phase transition of cetyl glucoside-water system

L5 ANSWER 28 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Effects of hydration of sugar groups on the phase transition of the bilayer formed from alkyl glycoside

L5 ANSWER 29 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Neutral and ionic alkylglucopyranosides. Synthesis, characterization and properties

L5 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Applications of HPLC with evaporative light scattering detection in fat and carbohydrate chemistry

L5 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Use of nonionic surfactants as flotation agents for nonsulfide ores

L5 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Application of synthetic alkyl glycoside vesicles as drug carriers. I. Preparation and physical properties

L5 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Metabolism of orally administered alkyl .beta.-glycosides in the mouse

L5 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Synthesis of alkyl .beta.-glycosides

L5 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2002 ACS
TI Structure of the hydrophilic group of surface agents. Relation with the formation of surface and mesomorphic phases

=> d L5 3,4,5,6,9,11,17,24 ibib,abs

L5 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:364815 CAPLUS
DOCUMENT NUMBER: 136:21226
TITLE: Preparation and surface active properties of alkyl glucosides of fat Egyptian mangifera indica
AUTHOR(S): El-Dougdoug, W. I. A.; Ahmed, N. M.
CORPORATE SOURCE: Che. Dep., Fac. of Sci., Zagazig Univ., Benha Branch, Benha, Egypt
SOURCE: Olaj, Szappan, Kozmetika (2001), 50(1), 25-29
CODEN: OSZKAT; ISSN: 0472-8602
PUBLISHER: METE
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Hexadecenoic, octadecanoic, octadec-9-enoic, octadec-9,12-dienoic and mixed fatty acids obtained from mangifera oil were converted to their Me ester, reducing with LiAlH4 to the corresponding fatty alcs. Alkyl glucosides from the mentioned fatty alcs. were produced in suitable yield.
The adding propylene oxide (PO) to the prepd. alkyl glucosides was completed in homogeneous alk. medium to give non-ionic oxypropylated alkyl
glucosides, moreover, the oxypropylated alkyl glucoside was conducted to react with chlorosulfonic acid afforded oxypropylated alkyl glucosides sulfates as anionic surfactants having prior surface properties to alkyl glucosides and propenoxylated derivs. The structures of the prepd. compds. were confirmed by IR and 1H NMR spectra. The surface active properties of the prepd. surfactants were evaluated.
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L5 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:58837 CAPLUS
DOCUMENT NUMBER: 134:297505
TITLE: Alkyl polyglycosides from different feedstocks
AUTHOR(S): Dopico, M.; Sotomayor, M. E.; Bermello, A.
CORPORATE SOURCE: Instituto Cubano de Investigaciones de los Derivados de la Casa de Az, ICIDCA, Ciudad Habana, Cuba
SOURCE: Revista sobre los Derivados de la Cana de Azucar (2000), 34(1), 1-10
CODEN: SDCAAR; ISSN: 1025-3076
PUBLISHER: Instituto Cubano de Investigaciones de los Derivados de la Cana de Azucar
DOCUMENT TYPE: Journal; (computer magnetic disk)
LANGUAGE: Spanish
AB Alkyl polyglucoside nonionic surfactants were prepd. from fatty alcs., sp.
palmitic alc. and n-octanol. Palmitic acid was first treated with H2SO4/MeOH to obtain the Me ester, which was then reduced to the fatty alc. The palmitic alc. was then mixed with glucose, p-toluenesulfonic acid was added as catalyst and the reaction was allowed to proceed for 3 h
under N at 100-102.degree.. The reaction soln. was neutralized with NaOH soln. and the product, palmitic glucoside was sepd. by centrifugation, then distd. under vacuum. The n-octanol analog was prepd. in the same manner. The products obtained are of high purity, as verified by measurement of viscosity, refractive index, d., m.p., acidity index, and IR spectra. The polyglucoside surfactants are suitable for use in manuf. of detergents, cosmetics, gels, pharmaceutical products, have good skin compatibility, and are biodegradable and non-toxic.
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L5 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:790267 CAPLUS
DOCUMENT NUMBER: 133:339984
TITLE: Sprayable sunscreen compositions
INVENTOR(S): Chaudhuri, Ratan K.; Majewski, George
PATENT ASSIGNEE(S): Em Industries, Inc., USA
SOURCE: PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000066076	A1	20001109	WO 2000-US10926	20000425
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6165450	A	20001226	US 1999-303625	19990503

EP 1094785 A1 20010502 EP 2000-923590 20000425
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
PRIORITY APPLN. INFO.: US 1999-303625 A1 19990503
WO 2000-US10926 W 20000425

AB Stable, low viscosity, thixotropic, broad spectrum, sprayable sunscreen compns. suitable for topical application to human skin and hair are provided, along with a method for their prepn. The compns. comprise oil-in-water suspoemulsions contg. dispersing agents to disperse inorg. sunscreen. The compns. are easy to apply to the skin and are practically non-whitening when applied on skin. A compn. with an SPF of 16 was prepd.
contg. 8% Eusolex T-2000 (amphiphilic microfine TiO2 surface treated with alumina and simethicone).

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:206645 CAPLUS
DOCUMENT NUMBER: 132:252817
TITLE: Surfactant mixtures, their preparation and use
INVENTOR(S): Rhode, Oliver
PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany
SOURCE: Ger. Offen., 10 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19844004	A1	20000330	DE 1998-19844004	19980925
WO 2000018779	A1	20000406	WO 1999-EP6864	19990916

W: US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: DE 1998-19844004 19980925
OTHER SOURCE(S): MARPAT 132:252817

AB The mixts. result from ethoxylation of the reaction mixt. after acetalization of glycoses with excess fatty alcs., thus consisting of alkyl oligoglycosides and ethoxylated fatty alcs. (minimal ethoxylation of the glycoside occurs), and are useful in the formulation of hand dishwashing detergents. Thus, heating 1 mol glucose, 4.5 mol lauryl alc., and 10 g p-MeC6H4SO3H at 112.degree. with distn. of the H2O formed, followed by neutralization with an aq. soln. of a 1:1 mixt. of MgO and NaOH, gave a 1:3.8 mixt. (by wt.) of lauryl oligoglucoside (av. d.p. 1.45) and unreacted lauryl alc. Treatment of 648 g of this product mixt. with 6.5 g hydrophobized hydrotalcite and then with 1209 g ethylene oxide at 150.degree./5 bars for 7 h gave the desired surfactant mixt., with av. d.p. of the ethoxylated lauryl alc. being 6 and the content of ethoxylated glucoside being <1%.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:811629 CAPLUS
DOCUMENT NUMBER: 130:71291
TITLE: Cosmetic and dermatological emulsions containing alkyl
glucosides with increased electrolyte concentration
INVENTOR(S): Kroepke, Rainer; Bungard, Andrea; Luehrs, Anja; Gruening, Burghard; Mueller, Anja; Jenni, Klaus; Nielsen, Jens
PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany; Goldschmidt, Th., A.-G.
SOURCE: Ger. Offen., 16 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19723733	A1	19981210	DE 1997-19723733	19970606
EP 884048	A1	19981216	EP 1998-109291	19980522
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11012157	A2	19990119	JP 1998-167785	19980602

PRIORITY APPLN. INFO.: DE 1997-19723733 19970606
OTHER SOURCE(S): MARPAT 130:71291
AB Emulsions contg. .gtoreq.0.075M electrolytes are stabilized by addn. of C4-24-alkyl glucosides (d.p. .ltoreq.2). Such emulsions, applied to the skin, have improved moisturizing, smoothing, conditioning, and biocompatibility properties and are excellent carriers for cosmetic and pharmaceutical agents. Compns. contg. water-sol. UV filter agents such as
2-phenylbenzimidazole-5-sulfonic acid (Eusolex 232) and its salts are useful as sunscreens. Other suitable electrolytes useful in these emulsions are amino acids and their salts as moisturizers, .alpha.-hydroxy
acids, and salicylic acid as a keratolytic agent. Thus, an oil-in-water lotion contained glyceryl stearate 3.50, Tego Care CG 90 (mixt. of stearyl
and cetyl glucosides) 1.80, glycerin 3.00, cetearyl alc. 0.50, octyldodecanol 7.0, caprylyl ether 8.0, Eusolex 232 3.0, 45% NaOH 1.0, cetearyl isononanoate 6.0, Carbomer 0.20, preservative, perfume, and demineralized water to 100.0 wt.%.

L5 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:433714 CAPLUS
DOCUMENT NUMBER: 127:55917
TITLE: Sugar derivatives as antimicrobial agents
INVENTOR(S): Schneider, Guenther; Schreiber, Joerg; Teichmann, Stefan; Buenger, Joachim; Wolf, Florian
PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany
SOURCE: Ger. Offen., 16 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

DE 19547160	A1	19970619	DE 1995-19547160	19951216
WO 9722346	A2	19970626	WO 1996-EP5400	19961204
WO 9722346	A3	19970828		

W: JP, US
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

EP 869797	A2	19981014	EP 1996-942332	19961204

R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE

JP 2000506499	T2	20000530	JP 1997-522461	19961204

PRIORITY APPLN. INFO.: DE 1995-19547160 19951216
WO 1996-EP5400 19961204

OTHER SOURCE(S): MARPAT 127:55917

AB Alkylated and/or acylated mono- and/or oligosaccharides are useful in cosmetic and dermatol. prepns. as antibacterial, antimycotic, and antiviral agents, esp. in deodorant prepns. and for treatment of dermatomycoses, dandruff, and dermal superinfections with microbial pathogens. Thus, a facial mask contained PEG-50 lanolin 0.50, glyceryl stearate 2.00, sunflower seed oil 3.00, bentonite 8.00, kaolin 35.00, ZnO 5.00, glucose caprylate 2.00, perfume, preservative, and water to 100.0 wt.%.

L5 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:842549 CAPLUS
DOCUMENT NUMBER: 123:237522
TITLE: Cosmetic emulsions containing alkylglycoside concentrate
INVENTOR(S): Amalric, Chantal; Lecocu-Michel, Nelly
PATENT ASSIGNEE(S): Societe d'Exploitation de Prodits pour les Industries Chimiques, Fr.
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9513863	A1	19950526	WO 1994-FR1336	19941116

W: JP, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

FR 2712595	A1	19950524	FR 1993-13895	19931119
FR 2712595	B1	19951222		
EP 729382	A1	19960904	EP 1995-901495	19941116
EP 729382	B1	19990512		

R: DE, ES, FR, GB

JP 09505843	T2	19970610	JP 1994-514261	19941116
ES 2132596	T3	19990816	ES 1995-901495	19941116
US 5670471	A	19970923	US 1995-549675	19951108

PRIORITY APPLN. INFO.: FR 1993-13895 19931119
WO 1994-FR1336 19941116

AB Cosmetic emulsions contain a conc. comprising 60-90 wt.% of a mixt. of at least one alkylglycoside (Markush structure given) which is useful as a pearlizing agent. An alkylglycoside conc. contained dodecanol 0.3, tetradecanol 1.4, hexadecanol 13.9, octadecanol 20.2, dodecylpolyglycoside 11.9, tetradecylpolyglycoside 14.5, hexadecylpolyglycoside 24.3, octadecylglycoside 13.1% (prepn. given). A bath gel contained above conc.

5, Na lauryl ether sulfate 1-5, Acrysol-22 3, NaOH q.s. pH = 7.2, and water q.s. 100%.

L5 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1993:488939 CAPLUS
DOCUMENT NUMBER: 119:88939
TITLE: Pesticide activity enhancers containing alkylglycoside surfactants.
INVENTOR(S): Azuma, Riichi; Hioki, Juichi; Iwasaki, Tetsuharu
PATENT ASSIGNEE(S): Kao Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05043403	A2	19930223	JP 1991-199019	19910808

AB Pesticide activity enhancers contain A(Gm)[(BO)aX]b [Gm = sugar residue from removal of all H of nonglycosidic OH and glycosidic OH of C5-6 reducing sugar or its condensate; m (degree of condensation) = 1-10 (av.);
A = R1(OR2)n bound to Gm by O-glycoside linkage; R1 = straight-chain or branched C1-18 alkyl, alkenyl, hydroxyalkyl; R2 = C2-4 alkylene; n = 0-100
(av.); B = C2-4 alkylene bound to O of nonglycosidic OH of Gm by ether linkage and bound to X at the other end; a [(mol. of alkylene oxide added to nonglycosidic OH of the C5-6 reducing sugar or its condensate)/b] = 0-10; b = no. of nonglycosidic OH of the C5-6 reducing sugar or its condensate; X = H, nonionic, anionic, or cationic group] as the essential ingredients. Com. Herbi-Ace (water-sol. herbicide powder) was dild. 300 times, mixed with 0.2% C12-14 alkylglucoside, and applied to Digitaria ciliaris to show 100.0% herbicidal effect, vs. 67.5%, for Herbi-Ace itself.

=> file stng

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	33.38	77.63

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.96	-4.96

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 10, 2002 (20020510/UP).

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(FILE 'HOME' ENTERED AT 14:49:32 ON 17 MAY 2002)

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     FILE 'REGISTRY' ENTERED AT 14:49:42 ON 17 MAY 2002
L1             0 S XYLIANCE
L2             0 S CETEARYL WHEAT STRAW GLYCOSIDE
L3             0 S HEXADECYL GLYCOSIDE
L4             1 S HEXADECYL GLUCOSIDE

     FILE 'CAPLUS' ENTERED AT 14:59:42 ON 17 MAY 2002
L5            35 S L4

     FILE 'STNGUIDE' ENTERED AT 15:07:43 ON 17 MAY 2002

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.06      77.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -4.96

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:07:53 ON 17 MAY 2002
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US 0982081209P1

Creation date: 11-18-2003
Indexing Officer: SFOLTZ - STEVE FOLTZ
Team: OIPEBackFileIndexing
Dossier: 09820812

Legal Date: 10-23-2002

No.	Doccode	Number of pages
1	CTFR	7

Total number of pages: 7

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